

# National Library of Medicine - Medical Subject Headings

2003 MeSH

## MeSH Supplementary Concept Data

[Return to Entry Page](#)

Name of Substance	cecropin A
Record Type	C
R gistry Number	80451-04-3
CAS Type 1 Name	Cecropin A
Entry Term	P9A protein
H ading Mapped to	*Antimicrobial Cationic Peptides
Indexing Information	Insect Hormones
Pr vious Indexing	* ANTIBIOTICS, PEPTIDE (1995)
Pr vious Indexing	* INSECT HORMONES (1981-1994)
Pr vious Indexing	* PEPTIDES (1995-2000)
S urce	Nature 1981;292(5820):246
Pharm. Action	Anti-Infective Agents
Pharm. Action	Anti-Inflammatory Agents, Non-Steroidal
Pharm. Action	Antimalarials
Pharm. Action	Antiprotozoal Agents
Frequency	119
N te	from cecropia moth, Hyalophora cecropia; small basic protein; has potent antibacterial activity against E coli & other Gram-negative bacteria; structure given in first source; also prevents development of malarial oocysts in mosquito vector
Date of Entry	19810825
Revision Date	20000731
Unique ID	C031161

[Return to Entry Page](#)[Link to NLM Cataloging Classification](#)

*NLM definitions  
of your terms*

## National Library of Medicine - Medical Subject Headings

2003 MeSH

## MeSH Supplementary Concept Data

[Return to Entry Page](#)

<b>Name of Substance</b>	magainin 2
<b>Record Type</b>	C
<b>Registry Number</b>	108433-95-0
<b>Entry Term</b>	Z-12 peptide
<b>Entry Term</b>	hAG-2 protein
<b>Entry Term</b>	mag-2
<b>Entry Term</b>	magainin II
<b>Entry Term</b>	magainin-2
<b>Heading Mapped to</b>	*Antimicrobial Cationic Peptides
<b>Indexing Information</b>	Xenopus laevis
<b>Previous Indexing</b>	* ANTIBIOTICS, PEPTIDE (1995-1996)
<b>Previous Indexing</b>	* PEPTIDES (1987-1994)
<b>Previous Indexing</b>	* PEPTIDES (1996-2000)
<b>Source</b>	Proc Natl Acad Sci USA 1987;84(15):5449
<b>Pharm. Action</b>	Anti-Infective Agents
<b>Pharm. Action</b>	Antimalarials
<b>Pharm. Action</b>	Antineoplastic Agents
<b>Pharm. Action</b>	Antiviral Agents
<b>Frequency</b>	159
<b>Note</b>	from skin of Xenopus laevis; 23-amino acid sequence given in first source; differs from magainin 1 by substitution of Lys instead of Gly at position 10 & Asn instead of Lys at position 22; also used to prevent development of malarial oocysts in mosquito vector; Z-12 is magainin 2 with Lys and Phe residues replaced with their respective D-isomers; homologue of the Xenopus laevis cement; GenBank AF004262 (mouse), AF007791, AF038451-2 (human)
<b>Date of Entry</b>	19870825
<b>Revision Date</b>	20020605
<b>Unique ID</b>	C053301

[Return to Entry Page](#)[Link to NLM Cataloging Classification](#)